



Raymond L. Murray

## Y-12er Ray Murray Is First To Receive Ph. D. Degree In Physics At U. of T., Accepts N. C. State Post; Others Are Taking Graduate Course Classes

Raymond L. Murray, one of the brilliant young scientists who came to Y-12 back in 1943, received his Doctor of Philosophy in Physics Degree at the University of Tennessee at the conclusion of the summer term on Friday, August 25.

That event marked two milestones. It was the first Ph.D. degree awarded by the university in physics and the first granted a Y-12er, or any Oak Ridger, in the graduate school study program offered by the University of Tennessee in cooperation with the Oak Ridge Institute of Nuclear Studies with the whole-hearted support of the Company.

Dr. Murray, who was just 30 years old last February, has decided to enter the field of education after his fine service to Y-12 and his nation during World War II. He left Oak Ridge last Thursday for Raleigh, N. C., where he will become a full professor of physics at North Carolina State University. There he will work with Dr. C. K. Beck, former director of the research division of K-25, now head of the physics department of North Carolina State.

However, Dr. Murray will not entirely sever connections with Y-12. He will continue to serve as a consultant on various technical problems that arise in the

plant with which he is familiar. The graduate study program under which Dr. Murray obtained his degree has been operating since August, 1947. Since its inauguration, about 25 Y-12 employees have been or are taking courses with the objective of obtaining either a doctor's or master's degree in physics or chemistry. The graduate courses are continuing in facilities offered by the Oak Ridge Institute of Nuclear Studies and instruction by the University of Tennessee. The Company has co-operated to the fullest extent with employees desiring to take the offered graduate work.

Dr. Murray came to Y-12 on

December 28, 1943, from the Radiation Laboratory of the University of California. During the hectic days of the growth of the plant he had a prominent part in the development and success of the Beta process that finally resulted in Y-12 being the first Oak Ridge facility to produce Uranium 235, that potent and primary ingredient in the atomic bomb.

His first assignment in Y-12 was that of assistant department superintendent of the Refining Department. He held that position until 1946 when he became head of a physics research group in the Electromagnetic Research Laboratory, the spot he occupied when he left Y-12 last week.

In his work in the Electromagnetic Research Laboratory, Dr. Murray was under the supervision of Dr. R. S. Livingston.

### Honored With Phi Beta Kappa

Dr. Murray was born in Lincoln, Neb., February 14, 1920. He received his bachelor's and master's degrees in physics at the University of Nebraska, which he attended during the scholastic years of 1931 through 1936. While at the University of Nebraska he was elected Phi Beta Kappa.

In the autumn of 1941 he went to the University of California, where he took a graduate course in physics, as he had done at the University of Nebraska. At both universities he worked as a teaching assistant while continuing his studies.

After finishing his studies at the University of California, Dr. Murray began work with the Radiation Laboratory of that university from May, 1942, until he came to Y-12.

### Aided By Dr. E. D. Shipley

In working for his doctor's degree for some time, Dr. Murray's dissertation work was done under Dr. E. D. Shipley, also of Y-12. The new Ph.D. gives much of the credit for his success in obtaining his degree to his association with and assistance given by Dr. Shipley.

Also making good progress in their work for doctor's degrees are Y-12ers J. W. Morfitt in physics, H. R. Bronstein in chemistry; H. W. Morgan in spectroscopy in physics, F. M. Scheitlin in physics, John Googin in chemistry and F. C. Long, Jr., in physics.

### Other Y-12ers Studying

Also studying in the graduate field under the institute and university programs with the objective of obtaining master's degrees are C. F. Barnett, C. D. Hatfield, H. C. McCurdy, K. A. Allen, W. C. Davis, H. W. Dunn, S. F. Fairbourne, P. M. Griffin, R. O. Hutchison and H. W. Walchli.

Other Y-12ers doing graduate work in various scientific fields include W. W. Beyer, W. B. Cottrell, P. F. Dunn, A. L. Southern, O. C. Yonts, H. T. Kite, R. C. Johnson, D. J. Crouse, Jr., R. S. Lowrie and H. M. McLeod, Jr.

## Y-12ers Are Invited To Girls' Club Ball

Members of the Girls Club of K-25 have invited Y-12ers to attend their Halloween Costume Ball to be held at the Oak Terrace Friday night, October 27. Jerry Collins' orchestra will provide music. Tickets may be obtained in Y-12 from Juanita Reed, of the Badge and Pass Office.

### SAFETY SCOREBOARD

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# Y-12 CARBIDE

# THE BULLETIN

A NEWSPAPER BY AND FOR Y-12 EMPLOYEES OF CARBIDE AND CARBON CHEMICALS DIVISION  
UNION CARBIDE AND CARBON CORPORATION

Vol. 4, No. 35

OAK RIDGE, TENNESSEE

Wednesday, September 6, 1950

## NEW HOSPITALIZATION PLAN ENROLLMENT BEGINS THIS WEEK IN Y-12 PLANT

### Guards Again Report Perfect Attendance

#### Absenteeism In Plant Drops To 1.5 Per Cent

The Guard Department returned to the top of the attendance standings in the Major League of departments with more than 50 employees scheduled when for the week ending August 27 it reported "all present." The Guards reported a similar record for the week ending July 30, when they were tied with the Isotope Research and Production Division for top honors.

#### Plant Absenteeism Drops

In addition to the perfect attendance record reported by the Guard Department, nine departments in the Minor League with 15-49 employees scheduled, also had spotless marks for the week ending August 27. As a result, the plant wide absentee record for that week was 1.5 per cent, .2 per cent lower than the preceding week.

Both the second and third place departments in the Major League reported exceptionally good marks. The second place department was the Assay Laboratory, which was in first place the previous week. Its absentee record for the week ending August 27 was .35 per cent. In third place was the Electromagnetic Research Laboratory with an absentee record of .44 per cent. This group was in second place the preceding week.

#### Four Departments Are Repeaters

Only four of the nine Minor League departments with perfect attendance marks for the week ending August 27 were repeaters from the previous week. They were the Steam Plant, Receiving and Shipping, Manufacturing Of-

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### Plastic Planes May Be Built

With a recently developed rubber-mold material, it may now be possible to build an airplane in one piece, except for control surfaces and movable parts, it is reported by the National Patent Council. After extensive experiments A. Derr Gollaway, engineer, chemist and airplane designer of the Gollaway Aeronautical Laboratory, has invented a process for producing a material that, it is claimed, can be made into a mold of any thickness or shape.



Y-12 Photos By Vince Moore

**THE FIRST AID TEAM OF THE ANALYTICAL CHEMICAL Division is pictured above just after completing a practice problem in preparation for the annual Carbide First Aid Contest to be held September 16. The patient, W. J. Ross, has just been treated for simulated injuries that included a dislocated right hip, fractured left leg between the knee and ankle, a scalp wound, shock and considerable bleeding. Other members of the team, from left, are L. E. Taylor, C. E. Pepper, C. M. Boyd, J. A. Norris, C. K. Talbott and J. H. Hackney.**

## Personnel Of Y-12 First Aid Teams For Contest Selected

With only a little more than a week remaining before the Carbide First Aid Contest will be staged at Blankenship Field, at 7:30 o'clock Saturday night, September 16 the personnel of the six Y-12 teams to participate in the event has been settled and the final touches of training being given. About 30 teams are expected to vie for honors in the First Aid Contest with 16 groups from K-25 and eight from the Oak Ridge National Laboratory pointing to relieve Y-12 of the championship trophy won last year and which must be won two consecutive years to remain in permanent possession of the plant with the winning team.

Each participating team is composed of seven persons. The groups consist of a captain, two dressers, two supporters, one patient and an alternate.

The rosters of the six Y-12 teams entered in the contest follow:

Chemical Division: Daisy Ward, captain; Debora Hubbs, Jincy Dings, Eunice Jones, Thelma Cole, Anna Ruth Roberson and Genevieve Bryant.

Manufacturing Offices Division: B. N. Strunk, captain; Joe McMasters, Bill Plemons, Leon Brown,

R. H. Evans, W. C. Anderson and W. L. Coggins.

Industrial Relations Division: Dave Turner, captain; J. C. Hastings, W. R. McGill, L. H. Perry, F. A. Hyatt, E. F. Greer and W. O. Elam.

Maintenance Division: C. Beckett, captain; W. H. Evans, Avery Kendig, Jim Wilson, J. D. Hatmaker, A. K. Bowles and H. E. Argo.

Analytical Chemical Division: J. A. Norris, captain; L. E. Taylor, W. J. Ross, C. M. Boyd, C. K. Talbott, J. H. Hackney and C. E. Pepper.

Isotope Research and Production Division: Joe Patton, captain; J. R. Duckworth, Fred Boody, Paul Griffin, Joe Walton, Charlie Harrison and Graydon Whitman.

## Increased Benefits Effective October 1

### Participation Voluntary; Coordinators Will Aid

Enrollment of Y-12ers in the new hospital and surgical benefit plan offered by the Company will begin this week throughout the plant. The contract for the new benefits between the Company and the Washington National Insurance Co. was announced last week. Coverage will begin October 1.

A representative of the Washington National Insurance Co. was scheduled to meet with Y-12 personnel, who will coordinate enrollment of all employees, at 10 o'clock Tuesday morning of this week. The coordinators will work with supervisors in their respective divisions to expedite enrollment of all Y-12ers who wish to take advantage of the benefits offered under the new contract. Enrollment in the new plan is entirely voluntary on the part of Y-12 employees.

### Coordinators Are Named

Working with J. R. Whitcomb, of the Y-12 Insurance Office, the coordinators are W. S. Herron, Paschal Hamrick, Nelson Tibbatts, L. H. Barker, R. R. Tippy and J. C. Little.

Enrollment in the new hospital and surgical benefit plan by Y-12ers and their dependents will not require a physical examination if the employee enrolls and signs the accompanying payroll deduction card during the month of September. However, a physical examination at their own expense for all persons covered under the new plan policy will be required after October 1.

All employees and their dependents will receive full maternity

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## ORNL Wives Invite Y-12ers To Meeting

All wives of Y-12ers have been invited to attend the meeting of the Oak Ridge National Laboratory Wives at 8 o'clock Monday night, September 11, in the West Lounge of the Ridge Recreation Hall. Hostesses will be Mrs. R. E. Toucey and Mrs. G. D. Davis.

Roger H. Bolomey, an artist of San Francisco, Cal., will speak on "Modern Art" and illustrate his lecture with slides. He also will give an exhibition of his work at the Oak Ridge High School library September 8, 9, 10 and 11, sponsored by the High School Service Club.

# The Bulletin

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Post Office Box P  
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GEORGE W. DOBBS . . . . . Editor  
OFFICE  
North Portal, Bldg. 9701-1  
Telephone 7-8252

## Naval Reserve Calls Ray Coker to Colors; Is World War II Vet

Uncle Sam beckoned to another Y-12er last week—with a "double time" signal—and by the time this edition of The Bulletin is read Ray W. Coker, formerly of



**R. W. Coker** Knoxville, Coker was notified on August 28 that he and 34 other naval reservists in the Knoxville area had been called to active service.

Coker, a naval veteran of World War II, planned to leave Monday night of this week to report to the naval reserve center at Columbia, S. C., for physical examination before reporting to the reserve fleet headquarters at Charleston, S. C., for further training and assignment.

### Served 28 Months In Navy

Coker joined the Navy August 18, 1943, after graduating from Karns High School in Knox County. He served 28 months, about two years of which was at sea, before being discharged in March, 1946. Although seeing no actual combat duty at sea, Coker was stationed on the U. S. S. Whipple, a destroyer that saw service in both World War I and II and also on the U.S.S. Lindsey, a destroyer-mine layer.

After leaving the service he was employed by the Western Electric Co., until coming to Y-12 on April 24 of this year. He married the former Miss Shirley Goodin, of Knoxville, in 1948 and they have an 18-month-old son named Kenneth Edward, after two of Coker's buddies who were killed while in Air Corps and Army service.

### Other Y-12ers In Service

In addition to Coker, five other Y-12ers now are in the armed forces of the country. George L. Howard, Gerald W. Lankford, Eugene French and Stewart Hatcher are members of the 194th Engineer Combat Battalion, Tennessee National Guard, of Oak Ridge. A. S. Garrett, of Maintenance Utilities, left the Company to enlist in the Navy.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Roberta McCutchen, Analytical Chemical Division; Wilbur R. McIntosh, Analytical Laboratory; Barton B. Thornton, Manufacturing Offices; Elmer L. Zimmerman, Isotope Research and Production; and Herman A. Maney, Maintenance Shops.



THE PARKS-SMIDLY WEDDING, AUGUST 25, WAS OF particular interest to Y-12ers because the groom and both of his parents are employees here. Above are shown Mrs. William Morgan Parks, the former Miss Mary Jane Smidly, of Jellico, Tenn., her husband, who is with the Y-12 Chemical Department; and the groom's parents, Mrs. W. A. (Nell) Parks, of the Superintendents Department; and Mr. Parks, of Buildings and Grounds. John Ramsey, also of Y-12, made the picture.



Just a pair of visiting firemen! That's what Y-12 Fire Chief John W. Hughey and Cap'n Charley Huffman will be next week at San Francisco where they will attend the international convention of fire chiefs. Chief and Cap will drive out—leaving Friday. Those fire chiefs sure pick the towns—Miami, New Orleans and now San Francisco.

J. W. Garland, of the Receiving and Shipping Department, and his wife are vacationing in Greensboro, N. C., for a week . . . J. T. Creasman and his family are visiting his folks in Andrews, N. C., while on a two-week vacation.

Kay Orton, of the Manufacturing Office Division, spent the week-end holiday at her home in Union City . . . Audrey Baldwin and her husband are vacationing in Biloxi, Miss., New Orleans, La., and Mobile, Ala., while on two weeks vacation, right in the hurricane zone of last week.

D. B. Samuel, of the Property Department, and his wife are spending some time in Bristol, Va., and North Carolina, while on a week of vacation.

Dick Brothers, of the Health Physics and Hygiene Department, has returned from a week's vacation spent at his home in Missouri.

Capt. Raymond Ledford, of the Guard Department, and his family are back after a week's vacation in Arkansas.

"Chick" Burnette, of the Analytical Laboratory Department, spent two week's vacation at home in Knoxville . . . Guy Wells is back on the job after spending his two weeks of vacation at home in Oak Ridge . . . Alice Elder and her husband spent time at Virginia Beach and in touring Washington, D. C., while on a week of vacation . . . Jincy Dingus is vacationing a week in Miami, Fla. . . .

Thelma Cole just got back from a week's vacation spent fishing near her home in Jellico . . . Frances Gilliam and her husband, Joe, attended a convention in French Lick Springs, Ind., while on vacation . . . K. O. Johnson and his wife, with the Albert Clarks, journeyed over to Cherokee, N. C., to attend the production, "Unto These Hills," on August 30 . . . F. L. Daley spent a week of his vacation in Clearwater, Fla.

While on his two week's vacation, Robert Helton, of the Isotope Research Department, his wife and family are motoring down to New Orleans, La., and from there are going to Houston, Tex., to enter their son in Rice Institute . . . G. S. Chilton spent most of his time fishing while on vacation in Dandridge.

Harold Duncan, of the Planning and Estimating Department, and his family have moved into

their new home on Solway Road. Information as to a house-warming will be forth coming from the Duncans soon.

W. A. Monroe, of the Cafeteria and Canteen Department, is vacationing at home in Knoxville for two weeks.

The Electromagnetic Research Department extends sympathy to Mozelle Rankin on the death of her father in Ft. Worth, Tex.

T. W. Berry, of the Chemical Department, vacationed for a week at his home in Corryton . . . Ralph Watson and X. D. Raines are back to work after a week's vacation . . . J. C. Nelson spent his week's vacation at home in Clinton . . . H. W. Grubb is off on a two week vacation.

Bart Slover, of the Stores Department, is spending his two-week vacation at home in Lake City . . . E. A. Guettner is on vacation for a week at his home near Kingston . . . Emma Puckett is visiting her sister in McAlister, Okla., while on two week's vacation . . . The department is wishing Dorothy Cruze's daughter a speedy recovery . . . When the department last heard from vacationer J. H. Sharp, he was at Vero Beach, and was heading on to Miami, Fla. . . . Helen Matthews is spending a week's vacation at her home in Okla., Miss.

Ralph Redmon, of the Property Sales Department, is spending most of his time fishing near his home in Wartburg while on two week's vacation.

A. H. Inman, of the Plant Engineering Department, has returned from a week's vacation spent at Daytona Beach, Fla. . . . The welcome mat is out to Roy Byrd, who has come into the department.

Lillie Cobble, of the Medical Department, and her husband, Ernie, of Buildings and Grounds, visited her brother in East St. Louis, Ill., and relatives in Springfield, Mo., over the Labor Day week-end holiday . . . Blanche Gibbs is spending two week's vacation at her home in Fletcher, N. C. . . . Virginia Smith spent the holiday weekend at her home in Dante, Va. . . . Dr. Anne W. Robinson attended her son, Frank's wedding, September 2 in Youngstown, Ohio; and she is taking time off for a two-week vacation . . . Jodie Brown spent the week-end holiday with her folks in Viola, Tenn.

Athala Markland, of the Superintendents Department, with her husband and daughter, spent the week-end holiday at her home in Union City, Tenn.

Lillian Howard, of the Research Engineering Department, is vacationing for a week at Tybee Island, Savannah, Ga.

The Laundry Department ex-



### PARKS-SMIDLY

Of interest to Y-12ers was the marriage on Friday, August 25, of Miss Mary Jane Smidly, daughter of Mr. and Mrs. C. B. Smidly, of Jellico, Tenn., and William Morgan Parks, of the Y-12 Chemical Department. The groom is the son of Mrs. Nell Parks, of the Superintendents Department, and W. A. Parks, of Buildings and Grounds. They live at 103 West Newkirk Lane, Oak Ridge.

The ceremony was performed at 6:45 p.m. at the Chapel-On-The Hill with the Rev. Roy O. Arbuckle, pastor of the Glenwood Baptist Church, of Oak Ridge, officiating. Nuptial music was presented by Mrs. Richard Creekmore organist, cousin of the bride from Jellico, and her 10-year-old daughter, Lynn Creekmore, vocalist, who sang "Because" and "I Love You Truly."

The bride, who was given in marriage by her father, wore white satin trimmed in seed pearls and cathedral length train at her wedding. Her finger tip veil was held with a pearl-trimmed satin coronet. Her only jewelry was an heirloom bracelet belonging to the bride's great-aunt, Mrs. Vess Creekmore, of Jellico. The bride carried a white prayer book topped with white roses.

Ma tron of honor was Mrs. Robert P. Darnell and she wore pink marquisette with matching head-dress. Her flowers were pink carnations tied with multi-colored pastel ribbons.

Robert P. Darnell, of Oak Ridge, was best man and ushers were Warren R. Grimes and Dan Dolan.

A reception was held at the home of Mr. and Mrs. Parks immediately after the ceremony. The couple will live in Oak Ridge.

Out-of-town guests at the wedding included Mr. and Mrs. Joseph Smidly, grandparents of the bride; Mr. and Mrs. Robert L. Smidly, of Clinton; Mr. and Mrs. Clyde Baker, of Knoxville; and other relatives.

Both the bride and groom attended Oak Ridge High School. Mrs. Smidly also went to Williamsburg College, Williamsburg, Ky., and the groom attended the University of Tennessee.

tends get-well-quick wishes to Sarah Coram . . . Lucy Hawkins is back to work after spending a week at home in Lake City, on vacation . . . The department welcomes Bessie Martin to the group.

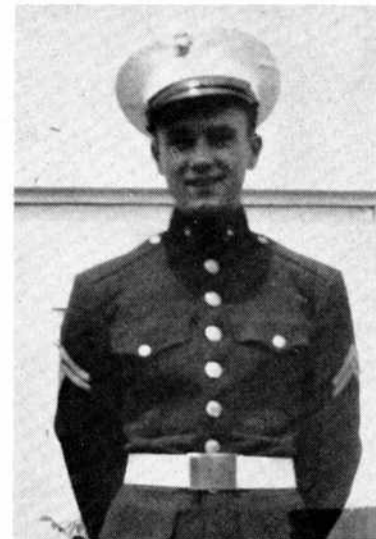
A. A. Groppe, of the Field Maintenance Department, and his family are off to Dubuque, Iowa, on a two-week vacation . . . C. L. Stepp and his family are vacationing in North Carolina for two weeks . . . T. E. Shaw is spending his two-week vacation working around his farm . . . R. E. Mellon is staying right around home in Oak Ridge while on a week's vacation.

L. H. McGinnis, of the Standby Plant Maintenance Department, is vacationing in Dandridge, Morris-town, Clinton and Oak Ridge.

Katie Cole, of the Materials Chemistry Division, spent two weeks vacation visiting relatives and friends in Nashville, Tenn., and Louisville, Ky. . . . George Marrow and his family visited relatives in Kentucky and Mississippi, as well as several points of interest along the way, while on two-weeks vacation.

Mary Barnes, of the Analytical Chemistry Division, spent a week's vacation in Menasha, Wis., visiting her two sisters there . . . Get-well wishes are extended to Charles Talbott's mother who is ill in Maryville . . . Pauline Goodwin spent a week of her vacation resting up at home in Lenoir City . . . The department is missing Dorothy Dougherty Spradlin, who has gone to join her husband in Dayton, Ohio.

H. O. Finley, of the Assay Lab-



Cpl. Mack W. McGuffin

## Son Of Y-12er Back From Marine School; To Enter University

Marine Corps Cpl. Mack W. McGuffin, of the Y-12 Stores Dept., and Mrs. McGuffin, was scheduled to arrive home last Saturday after a six-week special training duty of platoon leaders at the Marine base at Quantico, Va. Corporal McGuffin, 21, was one of 1,500 students from universities and colleges in the country to attend the class at Quantico.

On his return here the Marine Corps non-commissioned officer will enroll for his sophomore year at the University of Tennessee and will again report for a similar training period at Quantico next summer.

The training of platoon leaders at Quantico consisted of three weeks of field maneuvers and three weeks of classroom training. After completing his collegiate work at the state university Corporal McGuffin will be eligible to attend a Marine Corps officer's candidate school.

During World War II young McGuffin served three years in the Marine Corps as a radio and radar technician. He graduated from Oak Ridge High School in 1946.

oratory spent a week's vacation at his cabin on "Chigger Ridge" near Watts Bar Lake . . . Chester Fultz is back to work after a week's vacation . . . Eula Hayes and Ozell Pass are spending the first week of their vacation at their respective homes in Morristown and Bonny Blue, Va.; then on their second week they are getting together for a trip to Washington, D. C.

The Safety Department extends get-well wishes to G. C. Henderson . . . The P. C. Ziemke's son, Donald, has completed his graduate work at U. T., and has accepted a position with Tellico High School in the science department. Their son Myron, also a U. T. graduate, now is with an engineering development group at the K-25 plant.

CORRECTION: W. O. Elam, of the Fire Department, had as recent guests his aunt and HER granddaughter . . . J. C. Hasting and his family are on a week's vacation with his folks in Fayetteville, Tenn.

## Invitation Extended Y-12ers To Attend Physics Seminar

All Y-12 technical and scientific personnel are invited to attend the session of the Oak Ridge Physics Seminar to be held at 4 o'clock Friday afternoon, September 8. The meeting will be held in the East Lounge of Ridge Recreation Hall.

Dr. L. C. Biedenharn, of the Oak Ridge National Laboratory physics division, will lead the discussions on the subject of "Neutron Polarization."

# The Hole Truth

After swapping barbs for many moons past, the editor of The Bulletin and Evan Means, fisherman and writer of renown and note, have decided to bury the hooks and Means, who contributed such a fine column on fishing and outdoor sports to The Bulletin recently has agreed to continue the service in the future.

However, this business of writing a column is a task of no mean proportions (no gag intended, Evan) so the eminent angler and author probably will not have a contribution every week.

Nevertheless, The Hole Truth (fishing, that is) will appear from time to time to keep interested Y-12ers acquainted with the news of outdoors activities concerning their fellow employees.

So here is another opus by Evan.

By EVAN MEANS

The big news this week is the second annual field day and picnic of the Oak Ridge Sportsmen's Association, to be held on the club grounds all day Sunday, September 10.

Vince Moore was out last year and got a lot of pictures of Y-12 people, which never did get into The Bulletin. Maybe Editor Dobbs can dig up one of them for this issue.

There will be open house on all ranges and the picnic area from 9 a. m. to 1:30 p. m. The high spot of the program will be a shooting exhibition by Herb Parsons of Western-Winchester at 2 o'clock, followed by a coon dog drag race and a casting exhibition by Ralph Watson, Knoxville sportsman. At 4:30 p. m. the annual drawing which climaxes the fund-raising campaign will be held. Last year D. Woods of the Y-12 welding shop won a casting rod.

After the drawing the picnic area will again be open, as will the ranges, for those who want to make a day of it. There will be no charge for admission.

The boys in Bldg. 9709 are razzing W. B. Tyree about his vacation trip to Wisconsin. The state laws up there prohibit trolling with a motor and he was too lazy to row. Then he came home and lost five plugs in Fort Loudoun Lake on one trip, so now he's looking for a diving suit.

Avery Kendig, of Transportation, is the current walleye champion of Pellissippi Point. Last week end he took Nelson Tibbatts and Frank Gray along, apparently for ballast, since he got a seven and one-half pound walleye and they got nothing.

Up around Bldg. 9212 they are telling of a Y-12er who attacked a walleye with a paddle—in self-defense he said. The darned fish tried to bite him after he got it into the boat.

Electrical Dispatcher J. L. Titlow (He's been wanting to get his name into The Bulletin again ever since it came out "G. L." in the August 16 edition.) says he didn't get to go fishing at all on his vacation because he wouldn't lend him the price of a new plug.

Bill Eubank, of Receiving and Shipping, is showing off a picture of a 30-pound catfish he landed with rod and reel during his recent vacation. He says he also had a five-pound bass but he wasn't bothering to take pictures of the little ones.

The U. S. Fish and Wildlife Service has announced the season on mourning doves for this year. There will be a split season, September 16-30 and October 16-30. Bag limit will be 10 birds and shooting hours will be from noon until sunset.

We ran into Elbert Scott and C. B. Hillard of the Guard De-

# BLDG. 9212, BUMS TIED FOR LOOP TITLE



**JUST ANOTHER FISHING trip—but the results were sufficient to make C. C. Chamberlain, left, of Maintenance Shops; and Fritz Mourfield, his angling companion, proud of their catch and make it worthy of recording for posterity. The jaunt was made August 20 to Unitia Dock on Ft. Loudoun Lake and the pair caught seven large mouth bass. Two of the victims were small but the five largest totaled 26½ pounds and the big boy of the catch weighed seven pounds.**

## Y-12 Racqueteers To Play In City Tennis Tournament

Several members of the Y-12 tennis teams, both men and women, will be among the entries in the city-wide tennis tournament scheduled to open September 5. The tournament is being sponsored by the city recreation department and the Oak Ridge Tennis Club.

Mal Wallis and Fred Hurst will be entered in men's singles and doubles. Hurst will team up with Roy Towns, of Oak Ridge National Laboratory but assigned to work in Y-12, in doubles. Wallis had not selected his partner at press time of The Bulletin last week.

Mary Freestone will play in women's singles and doubles with Jane Trammell, of K-25, as her partner. Mozelle Rankin is entered in both singles and doubles and her partner will either be Elizabeth Patrick or Helen Burkhalter. If Miss Rankin does not play, the other two Y-12 lassies will team up in doubles.

## Cards Meet ORNL Thursday, K-25 And R-A To End Slate

With a record of two wins and no losses, the Y-12 Cardinals were scheduled to play four more games to wind up the second half of the season.

The Cards' next game is with Oak Ridge National Laboratory Thursday night, September 7. K-25 will provide the opposition next Monday night, September 11. The Y-12ers then are scheduled to meet Roane-Anderson next Wednesday night, September 13. The Cards also were to have played Roane-Anderson last night. All games are set for 8 p. m. at Gamble Valley.

## SECRECY LINE DRAWN

Morse Salisbury, director of the Atomic Energy Commission information service, recently told Pennsylvania editors that the line of secrecy on atomic energy is drawn at the point where information may be useful to a potential enemy, it is reported in the Philadelphia Bulletin.

partment at the Beagle Field Trials down along the River Road on the 26th. Scott's dog won the first race, but got lost in the weeds, or something, on the next one. Hillard's dogs didn't do so well. The weeds were high and the chiggers were thick, so we left to go fishing right after the first race.

Of course we caught some fish.

## Three Plant Bowling Leagues Open Season

The three Y-12 men's plant bowling leagues begin play this week, the D League at Jefferson alleys on Tuesday, the C League on Wednesday at Central, and the B League on Thursday at Oak Terrace. Play is scheduled to get under way at 6 p. m. for all three leagues.

The D League elected officers last week with Joe Patton being named president; Harold Ratjen, treasurer, and George Nettle, secretary.

In the C League opening tonight the Hooks meet the Guards, Thin Pins play the Moles, Short Circuits and Orphans clash and the Hurricanes play the Hornets.

The B League schedule for Thursday night is Bums vs. Cubs, Tigers vs. Maintenance, All Stars vs. Bumpers, Wasps vs. Comets, Rippers vs. One-91, and Head Pins vs. Wolves.

## Three Y-12 Softball Teams In Class B Ridge Tournament

Three softball teams of the Y-12 Plant League are entered in the Oak Ridge Class B softball tournament that got under way Tuesday night with play at both Pinewood and Midtown parks. The event is the largest of its kind ever held in the city, with 21 teams being entered.

Bldg. 9212 is scheduled to play the B Shift Process team of K-25 at 6 p. m. tonight, Wednesday, September 6, at Midtown. The Isotopes, drawing a first-round bye, will get into action at 6 p. m. Thursday at Pinewood. The Bums were slated to play last night, meeting Engineering Development, of K-25.

## Two Y-12 Turtles Entered In Club Derby Saturday

Two speedy turtles have been entered by the Y-12 Isotope Research and Production Division in the annual Lions Club Turtle Derby to be held at 7:30 o'clock Saturday night, September 9, at the Midtown softball park. The Y-12 entrants are Hogshead and Little Isotope, the latter being a veteran of last year's derby and reportedly being trained sharply for the 1950 classic. In case of rain the event will be held in the gymnasium of the Jefferson Junior High School.

Y-12ers on the Lions Club committee in charge of the event include Wes Mercner, Jim Keeton, Elmer Olson, C. P. Keim, C. R. Baldock, W. T. Tunnell, Wes Savage, Joe White, Jim Bowers, Bill Cobb and Paul Hagelston.

## Four Y-12ers Pass Tests In Advanced Seamanship

Four Y-12ers have received notification that they have passed tests given for the advanced grade of seamanship recently given by the Oak Ridge Power Squadron. Word of their success was received here last Friday by G. J. Angele, vice commander of the local squadron, from the United States Power Squadron in New York. Those passing the examinations were J. Harry Cupp, Everett Richardson, Paul E. Wilkinson and Dr. E. D. Shipley. Mrs. Shipley also passed the tests.

## QUICK GETAWAY SEEN

The Indianapolis Star reports that all four-way highways leading from the city are being blue-printed as a part of the A-Bomb defense of the Indiana capital.

## Y-12 SPORTS

### Plant Girl Bowlers Open Play Tuesday At Central Alleys

The Y-12 Women's Plant Bowling League swung into action last night at the Central alleys and will roll at 8:30 o'clock every Tuesday night at the same time and place.

Teams in the league and their captains are: Hi Balls, Ruth Law; Kemps, Fizz Tucker; Dodgers, Corinne Snyder; Racqueteers, Mozelle Rankin; WOES, Lora Mason; Controllers, Betty Whitehorn; Cracker Jax, Jennie Hill; and Strickettes, Juanita Reed.

### Final Inter-Company Golf Match Set For Saturday

The second and final inter-company golf match of the season will be held Saturday, September 9, at the Oak Ridge Golf and Country Club with seven teams scheduled to compete. A handsome trophy will be awarded the team with the best total score in the two matches.

In the first match of the season golfers from Oak Ridge National Laboratory took the lead with 160 points. Y-12 was second with 188½ points. Other scores in the initial match were Roane-Anderson 194, Atomic Energy Commission 214, Oak Ridge Hospital 223½, K-25 224½ and Fairchild 391½.

Teams of eight players each will represent their organizations in the event Saturday.

### SEARCHLIGHT USED

The Associated Press has reported that Johns Hopkins University is using a highpowered searchlight in attempts to learn more about heavy water vapor in the lower atmosphere. This vapor contains deuterium, main ingredient of the proposed H-Bomb.

## All Stars Victory Creates Deadlock

The second half of the Y-12 Plant Softball League season came to a close last Thursday night with the All Stars nosing out Bldg. 9212 by 2 to 1 in a last-inning rally. The result threw the second half of the race into a tie between Bldg. 9212 and the Bums with each team having a six won and two lost record.

A single game playoff for the second half title will be held after completion of the Oak Ridge Class B softball tournament. If the Bums win this clash the same two teams will engage in a two-out-of-three series for the seasonal championship. Bldg. 9212 won the first half title.

A league tournament also will be held after the Class B Tournament.

Score by innings:

Team		R	H	E
All Stars	000 000 2	2	4	3
Bldg. 9212	010 000 0	1	5	3

Batteries: All Stars, Ross and Twichell, Bldg. 9212, Mustin and Barker.

## Bowles Wins, Tiller Loses In All-Carbide Meet; Few Tilts Held

Only a few scores were filed last week in the Carbide golf tournament being held at the Oak Ridge Golf and Country Club. However, the long Labor Day week end is expected to produce heavy play in the event.

In the championship flight, Sachs, of ORNL, beat Arnold Tiller of Y-12, 3 and 2. Clyde Bowles, Y-12 champion, advanced by default over Carlsmith, of K-25.

In the first flight two Y-12ers eliminated fellow employees as Lavers topped Ratjen and Barker beat Caldwell. Harris, of Y-12, beat Burkowski, of ORNL, in the second flight.

Keese beat Olson in the fourth flight, both being Y-12ers. Kropowski, of K-25, defeated Jay Holtzknecht, of Y-12, in the eighth flight.



**AHA! WHAT A WALLEYED PIKE—THAT'S NO WALLEYE,** says Arthur F. Ogden, Y-12 rigger; that's a wild-eyed cobia. Mr. Ogden landed this 40-pound denizen of the deep while trolling 22 miles off Daytona Beach, Fla., and after a 35 minute battle. During this Florida vacation trip, the Y-12 angler also caught a 27-inch bonita. Photographer Vince Moore took the picture at the local cold storage plant where Ogden's fish was stored in the ammonia room instead of a regular locker as the latter place was too small to inclose the cobia. Ogden learned how to fish in a rather "Spartan" manner—learned when just nine years old. His mother upon her return from England presented her son with a hand-made flyrod, a gift of his grandfather; but young Ogden was advised that he could not use the rod until he had fished for four hours in a tub with pole and line. That was English grandfather's way of teaching his grandson patience.

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## Guards Again Report Perfect Attendance

Continued from Page 1  
fices and Cafeteria and Canteen.

The other five Minor League departments joining this group were Employee Relations, Laundry, Janitors, Plant Records and Research Engineering. These departments were in second, third, two tied for fifth and eighth places the previous week.

Second place in the Minor League went to Uranium Control and Computing with only .57 per cent of its employees absent. In third place was Superintendents with an absentee figure of .58 per cent. Both of these departments were among the nine tied for first place the previous week with perfect records.

The plant-wide absentee record for the week ending August 27, by departments, follows:

MAJOR LEAGUE				
Dept.	Percentage Absent	8-27-50	Scheduled Standing	8-20-50
2091	0.0	1	1	4
2283	0.35	2	2	1
2320	0.44	3	3	2
2619	0.6	4	4	6
2015	1.17	5	5	9
2142	1.20	6	6	8
2300	1.22	7	7	11
2014	1.26	8	8	7
2003	1.26	8	8	9
2282	1.8	9	9	5
2360	3.1	10	10	3
2616	3.7	11	11	12
2077	4.3	12	12	10

Group absentee percentage was 1.7 per cent, .2 per cent lower than the preceding week.

MINOR LEAGUE				
Dept.	Percentage Absent	8-27-50	Scheduled Standing	8-20-50
2743	0.0	1	1	1
2143	0.0	1	1	1
2133	0.0	1	1	1
2107	0.0	1	1	1
2109	0.0	1	1	2
2096	0.0	1	1	3
2001	0.0	1	1	5
2046	0.0	1	1	5
2064	0.0	1	1	8
2739	0.57	2	2	1
2200	0.58	3	3	1
2270	0.7	4	4	4
2060	1.0	5	5	6
2140	1.4	6	6	1
2008	1.9	7	7	1
2002	2.2	8	8	1
2005	3.6	9	9	7

Group absentee percentage was 0.8 per cent, .5 per cent lower than the preceding week.

The plant average for the week ending August 27 was 1.5 per cent, .2 per cent lower than the preceding week.

## Water Scenes Subject Of Camera Club Meet

Members of the Oak Ridge Carbide Camera Club from all three Company facilities will compete in a black and white photographic print contest on pictures of water scenes at the September meeting of the club. The meeting will be held at 7:30 o'clock Tuesday night, September 12, in the club headquarters in the Y-12 East Portal building.

John Ramsey, Y-12 member of the club, will be judge of the entries and will offer criticism of the prints.

A description of photo-engraving processes will be made to the club by James E. Wolfkiel, of the Knoxville Engraving Co. He will tell how engraving plates are made from photographs and what qualities are needed in a picture to make a suitable reproduction in printing.

The annual Carbide Camera Club salon meeting will be held in October with various competitions scheduled in black and white prints and color slides. The session will be held in some Oak Ridge location because the interest in the annual meeting demands that a larger location than the Y-12 quarters of the club be used.

meters and their uses with some new transducer limits that now are available for measuring position, force and pressure. He also plans to discuss some special applications such as the electrometer and Brown-Rubicon Precision Indicator.

Instrument Co., will be the principal speaker. He will speak on "Unusual Applications of Electronic Potentiometer Type Instruments."

Dyer is a graduate of Colby College and received his masters degree in physics at Wesleyan University. He taught physics for 11 years at Ricker Junior College and seven more years were spent by him in work with the research division of the Brown Instrument Co., where he now is head of the application engineering group.

In his talk Brown plans to deal primarily with special potentiometers.



**ANOTHER GROUP OF Y-12ERS AND FRIENDS ENJOYED** a picnic at Concord Park on Fort Loudoun Lake when members of the Materials Chemicals Division staged an outing on Saturday August 19. Some unique contests were staged during the affair, as shown above. In the top picture, Al Ryon is angling with a magnetic bait in a basket of metallic fish as curious onlookers ponder his success. From left are youthful Jerry Anderson, Dick Ryon and Bruce Anderson, then come Mrs. B. F. Gawley and her daughter, Miss Beatrice Gawley, Glenn Clewett, Patty Ryon, Fisherman Al Ryon, young Mike Waldrop and his dad, Forrest Waldrop. Just below, Warren Grimes shows real form on a ball rolling contest. Others shown are, from left, Ruth Jones, Mrs. K. O. Johnson, Mrs. Albert Clark, Mrs. K. B. Brown, Jeanne Rogers, Fred Mannerschmidt and Ray Murray. After these strenuous activities chow was served with the food consumers shown at bottom being Beatrice Gawley, Mrs. Glenn Clewett, Bob Moore, Mrs. Moore, Dan Nicholson, Douglas Kuhn, Mrs. Kuhn, Judy Kuhn, Mrs. Borne and Ernie Borne and Kuhn. The pictures were furnished The Bulletin by K. O. Johnson. Mrs. Gawley and her daughter were guests from California of Glenn Clewett and Mrs. Clewett.

## Instrument Society To Hear C. A. Dyer

The Oak Ridge Section of the Instrument Society of America will begin its regular seasonal meetings at 7:30 o'clock Wednesday night, September 6, at the Knights of Columbus home, Jefferson Circle. The section did not meet during July and August.

The September 6 meeting will be the 50th of the group and Clarence A. Dyer, of the Brown



Y-12 Photos By Vince Moore  
**FOUR MEMBERS OF THE 194TH ENGINEER COMBAT** Battalion, Tennessee National Guard, of Oak Ridge and former Y-12 employees are pictured above at "Present Arms." They are, from left, George L. Howard, Eugene French, Gerald W. Lankford and Stewart Hatcher. The first three left last Wednesday for Ft. Lewis, Wash., for active service while Hatcher was in an advance guard going ahead to prepare quarters for the Oak Ridge outfit.

## Entrants In UCC Camera Club Contest Urged To Mail Early; Assistance Will Be Offered

All Y-12ers and other Carbide employees in Oak Ridge interested in entering the Union Carbide and Carbon Corporation Camera Club photographic print contest to be held in New York October 5 are urged to have their prints ready to mail by September 18. The deadline for receiving entries in New York is September 25, and of-

ficers of the Oak Ridge Carbide Camera Club have suggested that the entries be mailed from here at least one week in advance, not later than September 18.

Nat Stetson, a Y-12er and president of the Oak Ridge Carbide Camera Club; and S. A. Hluchan, of Oak Ridge National Laboratory, vice president of the club; stress the fact that entrants need not be members of the local organization to enter the UCC contest. However, they point out, officers of the Carbide Camera Club in Oak Ridge are offering assistance to entrants in preparing entries for the New York contest.

All UCC employees are eligible to enter the New York contest. Only one black and white print may be offered. It must be eight by ten inches or larger and must be on a 16 by 20 inch cardboard mount.

Any Carbide employee wanting to send entries direct may send them to the Print Committee, Carbide Camera Club, 30 East 42nd St., New York, 17, N. Y.

The aid offered by the Oak Ridge Carbide Camera Club officers includes dry mounting prints on the required 16 by 20-inch mount with the entrant providing the print and mounting material. Enlarging of negatives to the required size also will be done and the finished print will be prepared for shipment to New York for the contest.

Anyone desiring this assistance may obtain it from Nat Stetson, 105 West Magnolia Lane; S. A. Hluchan, 108 Darwin Lane; and O. K. Lewis, Jr., 114 West Tennessee Ave.

### 'MORE POWER' TRAIN GOES

The "More Power to America Special," a 10-car electrical exhibit train equipped by General Electric Co. is carrying an atomic power display in addition to other features on its tour of America.

Hoarding aids our enemies.

## Increased Benefits Effective October 1

Continued from Page 1  
benefits if they enroll in the plan during the month of September, with no time limits prescribed. For employees and dependents enrolling after October 1 a waiting period of nine months will be required after date of enrollment before maternity benefits will be available.

### Benefits Up, Cost Down

Increased benefits at a substantially lower cost will be available to all Y-12ers enrolling in the new hospitalization and surgical benefits plan. It provides coverage at a cost to single employees of 72c per month and to employees with dependents of \$2.82 per month. This cost to employees is about one-half the gross cost of the plan. The Company will pay the other half.

The plan provides increased benefits for both employees and dependents as follows:

1. Hospital benefits of \$7 per day up to 70 days.
2. Miscellaneous hospital expenses up to \$70.
3. Emergency first aid expense up to \$25.
4. Medical expense of \$3 per day, in hospital.
5. Liberal surgical fee benefits.

When the coordinators begin enrollment of Y-12ers in the new plan, a booklet containing full details of the plan operation and benefits will be given employees in addition to enrollment and payroll deduction cards.

### POWERFUL MICROSCOPE

An electron microscope which will magnify an object 100,000 times has been set up at McGill University, principally for cancer research, according to the Ottawa Journal.